

Amendments to the Claims

This listing of the claims will replace all prior versions, and listings, of claims in this application.

Listing of Claims**1-15. (Canceled)**

**16. (Currently amended)** A method of screening for a bioactive agents that modulates IgE production, said method comprising:

- a) contacting a candidate bioactive agent and a cell expressing IgE, wherein said cell comprises an IgE fusion protein comprising:
  - i) an ε heavy chain; and
  - ii) a fluorescent protein; and
- b) determining the amount of IgE produced in said cell;

wherein a change in the amount of IgE as compared to the amount produced in the absence of said candidate agent indicates that said agent modulates IgE production.

**17. (Previously presented)** A method according to claim 16 wherein said modulation is a decrease in the amount of IgE.

**18. (Canceled)**

**19. (Previously presented)** A method according to claim 16 wherein said combining is done by introducing a retroviral vector comprising nucleic acid encoding said candidate bioactive agent to said cell.

**20. (Previously presented)** A method according to claim 19 wherein a library of retroviral vectors comprising a library of candidate bioactive agents is added to a population of cells.

21. (Previously presented) A method according to claim 19 wherein said retroviral vector further comprises nucleic acid encoding a fluorescent label and wherein said nucleic acid further comprises a detection gene.

22. (Previously presented) A method according to claim 16 wherein said detecting is done by the addition of a fluorescent antibody against IgE.

23-29. (Canceled)

30. (Previously presented) A method according to claim 21, wherein said fluorescent protein is GFP.

31. (Previously presented) A method according to claim 21, wherein said detection gene is a fluorescent protein gene and wherein said fluorescent protein gene is GFP.

32. (Previously presented) A method according to claim 21, wherein said detection gene is a fluorescent protein gene and wherein said fluorescent protein gene is BFP.

33. (Previously presented) A method according to claim 21, wherein said detection gene is a fluorescent protein gene and wherein said fluorescent protein gene is YFP

34. (Previously presented) A method according to claim 21, wherein said detection gene is a fluorescent protein gene and wherein said fluorescent protein gene is RFP